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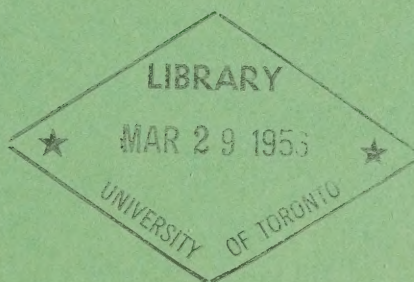
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# Survey of Physicians in Canada June 1954



Memorandum No.2  
General Series  
Sixth Edition

RESEARCH DIVISION

Department of National Health and Welfare

Ottawa, April 1955





SURVEY OF PHYSICIANS IN CANADA, JUNE 1954  
General Series, Memorandum No. 2, Sixth Edition

Published by the Authority of the Hon. Paul Martin  
Minister of National Health and Welfare

Research Division  
Department of National Health and Welfare

Ottawa

April 1955





## FOREWORD


The Physicians Register consists of individual records of Canadian doctors maintained by the Department of National Health and Welfare in order that periodic studies may be made of the supply and distribution of physicians in Canada. The present report is based on a tabulation of these records as brought up to date by means of an overall survey of physicians in Canada conducted by the Department in the spring of 1954.

The records of the Physicians Register were originally obtained as a part of the National Health Survey conducted in 1943 by the Canadian Medical Procurement and Assignment Board of the Department of National Defence. Since 1946 they have been kept up to date by the Department of National Health and Welfare, but chiefly from address listings such as those obtained from the provincial Colleges of Physicians and Surgeons. Direct enquiry was confined to those doctors who were found to have changed their location.

The 1954 re-survey of all physicians in Canada was conducted to verify the current accuracy of the records. To ensure the success of the re-survey, support was sought from the various medical agencies in Canada as well as from public health officials. Plans for the survey and the content of the questionnaire to be used were made known in advance to the Canadian Medical Association (which in turn notified its provincial branches), l'Association des Médecins de Langue Française du Canada, the Defence Medical and Dental Services Advisory Board, the Medical Council of Canada, the Royal College of Physicians and Surgeons of Canada, the Canadian Hospital Council, the provincial Colleges of Physicians and Surgeons, and the provincial Deputy Ministers of Health. It is a pleasure to acknowledge the support which these agencies and officials gave to the survey. Particular acknowledgement is made to the Canadian Medical Association and l'Association des Médecins de Langue Française du Canada, whose presidents provided letters of endorsement for use as enclosures with the original mailing of the English and French questionnaires, respectively.

This report has been prepared in the Methods and Analysis Section of the Research Division by Miss. B.J. Stewart under the general direction of Mr. Gordon H. Josie.

Joseph W. Willard,  
Director, Research Division.



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## SURVEY OF PHYSICIANS IN CANADA, JUNE 1954

### Introduction

This report is the sixth edition of Survey of Physicians in Canada. It is based on a tabulation of the information contained in the Physicians Register maintained by the Department of National Health and Welfare in order that periodic assessments may be made of the supply and distribution of physicians in Canada. The present tabulations are based primarily on information obtained from a re-survey of all physicians in Canada conducted by the Department in the spring of 1954. The Physicians Register had, since 1946 when it was handed over to the Department by the Canadian Medical Procurement and Assignment Board of the Department of National Defence, been maintained chiefly by indirect means. The 1954 re-survey is the first to be conducted in connection with the records since they were originally set up in the National Health Survey of 1943. The new survey was designed to verify the current accuracy of the records as well as to provide certain additional information for special study.

### Re-Survey of Physicians, 1954

Beginning in March, 1954, questionnaires were mailed directly to as many physicians as possible through the use of the Departmental addressograph facilities which are kept up to date by information supplied from the Physicians Register. Questionnaires were also sent to the larger hospitals in order to reach interns and other physicians for whom available information might not be up to date. As the completed questionnaires were received, they were checked against existing records and a second copy of the questionnaire was mailed to those who had not returned the first one forwarded to them.

By mid-June, a total of almost 12,000 completed questionnaires had been returned. The "follow-up" mailing resulted in a total of 14,400 returns by the end of July. These figures, however, include a number of duplicate returns as well as returns for some retired physicians and some physicians resident outside of Canada. Except for a few who were included in the original mailing, they do not include physicians in the Armed Forces; detailed information on this group was obtained from the Department of National Defence through the Defence Medical and Dental Services Advisory Board.



The questionnaire sought information on items such as sex, age, marital status, university and year of medical graduation, other degrees, country of birth and citizenship. In addition, questions were included regarding the types of medical work in which the doctor was engaged, the specialties in which he considered himself capable of working, and certain items related to partnership or group practice.

Preliminary tabulations of certain basic data were undertaken as soon as the full group of physicians active in Canada had been designated, and the data of the present bulletin relate to these preliminary tabulations. Data on specialties and on group practice are not included.

#### Supply of Physicians, June 1954

The re-survey indicated a total of 16,031 active physicians in Canada at June 1954, 380 of whom were in the Armed Forces (Table 1). Of the 15,651 active civilian physicians, 13,223 returned completed survey questionnaires, an 84 per cent response; the remaining 2,428 physicians were, according to the provincial registers and other sources of information, apparently in Canada and active at the survey date, but questionnaires were not received from them. Not included in the figures given above are 279 graduates of Canadian medical schools during the years 1951 to 1953 for whom information on location was lacking and for whom residence in Canada was not sure. Information on location was also lacking for a further 280 physicians who had been included in the 1951 tabulations. The data do, however, include 708 physicians who apparently immigrated to Canada since June 1951.

Although the total number of active physicians in Canada has risen from approximately 5,500 in 1901, to 16,031 in 1954, there has been little change in the supply of physicians relative to population (Table 2). Census data shows a variation in population-physician ratio between a low of 968 and a high of 1,034 over the census years 1901 to 1941, inclusive. The records of the National Health Survey of 1943 indicated a ratio of 1,014 for that year. Since the war, the variation has been between 946 and 977 persons per physician, with the ratio for 1954 standing at 948.

Most of the variations in population-physician ratio for individual provinces over the 1911 to 1954 period have also been erratic and small, possibly related more closely to defects of enumeration than to actual changes in relative supply (Table 3). The provinces of Quebec, Ontario and



British Columbia have consistently since 1911 been better-supplied with physicians than have the remaining provinces. In 1951 British Columbia replaced Ontario as the province best-supplied from the point of view of population per physician. The most significant change during the recent period is probably that the ratio for British Columbia dropped to 777 by 1954, the lowest provincial ratio recorded.

In 1921, female physicians formed 1.7 per cent of the total active civilian supply (Table 4). This proportion rose steadily until 1951 when it reached 4.1 per cent, a level exactly maintained in the 1954 data.

#### Age Distribution

For Canada as a whole, only slight changes have taken place in the "shape" of the age distribution for physicians during the last twenty years (Table 5). The trend toward an increased proportion of physicians in the older ages, which was evident between 1931 and 1947, levelled off between 1948 and 1951. In 1954, the per cent of active civilian physicians who were aged 65 or more dropped to 9.0, almost the 1931 level.

The median age, which had ranged between 43.4 and 44.2 years since 1931, dropped to 42.8 years in 1954. Except during the war years, the proportion of active civilian physicians who were 25 to 54 years of age varied only between 72.7 and 73.8 until 1951; in 1951 the proportion rose to 74.7 per cent of total and in 1954 to 76.7 per cent, increases which were probably related to increased numbers of graduates from Canadian medical schools and to the influx of immigrant physicians (see also Tables 10 and 11).

The provincial variation in age distribution "shape" which had been exhibited by the data of the earlier tabulations is not apparent in the 1954 data (Table 6). The four western provinces all show slightly high proportions in the age group 35 to 44 years, while the provinces of Newfoundland and Prince Edward Island combine a higher-than-average proportion over the ages 25 to 44 with a high proportion in the 70 and over age group. The same general pattern, however, is clearly discernible in the distribution of physicians by age for each province.

### Nature of Major Work

Data on nature of major work are available only since 1948 (Table 7). Over the period 1948 to 1951 there appeared to be some trend away from general practice and toward specialization. This trend was not, however, clearly defined in all provinces and was not pronounced for Canada as a whole.

The 1954 data, which is based for the most part on direct information from the individual physicians, shows a decided drop in all provinces in the per cent engaged in general private practice. Further, for all provinces except Ontario, Saskatchewan and British Columbia, the decreased proportion in 1954 was based on a figure which was numerically just equal to or less than its 1951 counterpart (Appendix I). All provinces in 1954 showed an increase in the per cent engaged in specialist private practice and all provinces except Newfoundland, Nova Scotia and Manitoba showed slight increases in the per cent engaged in medical work other than general or specialist private practice.

### Urban Concentration

Concentration within the larger urban centres is much greater for physicians than for the population generally. In 1947, 70.8 per cent of the physicians in Canada were located in urban centres of 10,000 or more population, ranging provincially from 40.6 per cent for Prince Edward Island to 79.1 for British Columbia (Table 8). By 1951, the proportion of physicians in these centres had risen to 73.2 per cent for Canada as a whole and in 1954 it stood at 73.7 per cent. Provincial variation in 1954 was between 44.1 per cent for Newfoundland and 78.7 per cent for Ontario. In contrast, only 48.2 per cent of the total population in 1951 was located within these centres and provincially the variation was between 16.1 per cent for Prince Edward Island and 58.2 per cent for Ontario.

Differences in urban concentration for physicians in general private practice, specialist private practice and other medical work have remained substantially the same since 1948, the first year for which this data is available (Table 9). As would be expected, the concentration is considerable for those in other than general and specialist private practice, a group which includes physicians in hospital and government services, medical school teaching staffs, etc. Physicians in general private practice show a concentration which is little greater than that for the general population



in 1951. In contrast, physicians in specialist private practice show a concentration even higher than that for those in other medical work, and much of the disproportionate concentration of the total supply of physicians in the larger urban centres is attributable to this group.

For individual provinces, the 1954 data indicate the same relative concentrations as for Canada as a whole. Data for the individual urban centres are given in Appendix II.

### Graduates of Canadian Medical Schools

Graduates of Canadian medical schools now total almost 900 a year, the number having been swelled in the spring of 1954 by 54 graduates from the new medical school at the University of British Columbia (Table 10). Also, the number graduating from Laval medical school was considerably increased over the number in the previous year. It is expected that a further 30 graduates will be added to the total in the spring of 1957 by the extension of the medical training at the University of Saskatchewan to a full medical course.

### Migration of Physicians

Very little information is available for Canada on the amount and direction of migration of physicians. Data which are available on emigration are complicated by extensions of stay for postgraduate training and by decisions to remain in the United States after taking postgraduate training there. Information is available, however, concerning those physicians for whom the records of the Physicians Register indicate immigration to Canada since the previous survey (June 1951) and who are still resident in Canada at the time of the present survey (June 1954).

The bulk of these immigrant physicians are in the 25-34 and 35-44 age groups (Table 11). Of the total of 708, 79.5 per cent are between 25 and 44 years of age. Almost a third of the group are resident in Ontario; only 69 are located in Quebec. One-third are now in general private practice and the bulk of the remainder are in the "other" category of work, chiefly employed by hospitals as staff or senior interns. The group is almost equally divided between centres of 10,000 or more population and other areas.





## TABLES





TABLE 1 ACTIVE PHYSICIANS IN CANADA, JUNE 1954<sup>(a)</sup>

Category	Number June 1954	Per Cent of Total Active Civilian Physicians
<u>Active Physicians</u>		
Civilian:		
Newfoundland	188	1.2
Prince Edward Island	82	0.5
Nova Scotia	571	3.6
New Brunswick	381	2.4
Quebec	4,365	27.9
Ontario	5,879	37.6
Manitoba	799	5.1
Saskatchewan	752	4.8
Alberta	988	6.3
British Columbia	1,630	10.4
Yukon & Northwest Territories	16	0.1
Total Active Civilian Physicians	15,651	100.0
Physicians in the Armed Forces	380	
Total Active Physicians	16,031	

(a) Preliminary: based on re-survey of physicians in Canada by Physicians Register, Department of National Health and Welfare.

TABLE 2 ACTIVE PHYSICIANS AND POPULATION PER PHYSICIAN, CANADA, <sup>(a)</sup> 1901-54

Year	Physicians <sup>(b)</sup>			Population per Active Physician <sup>(c)</sup>
	Civilian	Armed Forces	Total Active	
1901 (June)	5,475	(d)	(d)	972 <sup>(e)</sup>
1911 "	7,411	(d)	(d)	970 <sup>(e)</sup>
1921 "	8,706	(d)	(d)	1,008 <sup>(e)</sup>
1931 "	10,020	(d)	(d)	1,034 <sup>(e)</sup>
1941 "	10,723	1,150	11,873	968
1943 (March)	8,614	3,006	11,620	1,014
1947 (July)	13,098	165	13,263	946
1948 (Sept.)	13,259	114	13,373	959
1949 "	13,726	147	13,873	969
1951 (June)	14,163 <sup>(f)</sup>	178 <sup>(f)</sup>	14,341 <sup>(f)</sup>	977
1954 (June)	15,651 <sup>(g)</sup>	380 <sup>(g)</sup>	16,031 <sup>(g)</sup>	948

(a) Yukon and Northwest Territories excluded for 1947, included for 1948-52; Newfoundland included for 1949-54.

(b) 1901 to 1941, Census data; 1943 to 1951 and 1954, Physicians Register, Department of National Health and Welfare; 1954, preliminary.

(c) Based on Dominion Bureau of Statistics intercensal estimates (revised) as at June 1 of the years concerned.

(d) Not available.

(e) Per active civilian physician.

(f) Does not include graduates of 1951.

(g) Does not include graduates of 1954.



TABLE 3 ACTIVE CIVILIAN PHYSICIANS AND POPULATION PER CIVILIAN PHYSICIAN, FOR PROVINCES, 1911-54

## I. Number of Physicians (a)

Province	1911	1921	1931	1941	1943	1947	1948	1949	1951	1954
Newfoundland								141	159	188
Prince Edward Is.	72	68	63	67	52	69	70	75	72	82
Nova Scotia	408	457	445	428	366	483	516	542	555	571
New Brunswick	281	268	269	270	198	298	334	350	367	381
Quebec	2,000	2,216	2,747	3,162	2,681	3,580	3,723	3,850	4,008	4,365
Ontario	3,053	3,459	3,934	4,197	3,326	5,138	5,025	5,058	5,260	5,879
Manitoba	433	557	666	659	473	754	745	723	776	799
Saskatchewan	379	524	584	527	408	586	619	600	646	752
Alberta	369	548	583	603	460	719	758	788	835	988
British Columbia	416	609	729	810	650	1,097	1,188	1,264	1,346	1,630
Yukon & N.W.T.	(b)	(b)	(b)	(b)	(b)	(b)	17	17	18	16
Total (civilian)	7,411	8,706	10,020	10,723	8,614	13,098	13,259	13,726	14,163	15,651

(c)

## II. Population per Physicians (d)

Province	1911	1921	1931	1941	1943	1947	1948	1949	1951	1954
Newfoundland								2,447	2,279	2,117
Prince Edward Is.	1,302	1,303	1,397	1,418	1,750	1,362	1,329	1,253	1,367	1,280
Nova Scotia	1,207	1,146	1,152	1,350	1,656	1,273	1,211	1,161	1,158	1,179
New Brunswick	1,252	1,447	1,518	1,693	2,338	1,638	1,491	1,451	1,405	1,436
Quebec	1,003	1,065	1,046	1,054	1,289	1,036	1,017	1,008	1,012	1,005
Ontario	828	848	872	903	1,177	813	851	866	874	858
Manitoba	1,066	1,095	1,051	1,108	1,529	980	1,001	1,047	1,001	1,036
Saskatchewan	1,299	1,446	1,578	1,700	2,054	1,427	1,354	1,387	1,288	1,168
Alberta	1,014	1,074	1,255	1,320	1,707	1,147	1,127	1,123	1,125	1,052
British Columbia	943	861	952	1,010	1,385	952	911	881	866	777
Yukon & N.W.T.	(b)	(b)	(b)	(b)	(b)	(b)	1,412	1,412	1,394	1,688
Total (civilian)	970	1,008	1,034	1,072	1,367	958	967	980	989	971

(a) 1911 to 1941, Census data; 1943 to 1954, Physicians Register, Department of National Health and Welfare; 1954, preliminary. (b) Not available. (c) Data for 1947 to 1951 include a number of physicians thought to be in Canada but for whom exact location was not known. (d) Based on Dominion Bureau of Statistics intercensal estimates of population (revised) as at June 1 for the years concerned; 1911 to 1941 and 1951, based on census population data.

TABLE 4 ACTIVE CIVILIAN PHYSICIANS, BY SEX, CANADA 1911-1954<sup>(a)</sup>

I. Number of Physicians

Year	Male	Female	Total <sup>(b)</sup>
1911	7,215	196	7,411
1921	8,554	152	8,706
1931	9,817	203	10,020
1941	10,339	384	10,723
1947	12,645	453	13,098
1948	12,795	464	13,259
1949	13,260	466	13,726
1951	13,576	587	14,163
1954	15,013	638	15,651

II. Per Cent Distribution

Year	Male	Female	Total <sup>(b)</sup>
1911	97.4	2.6	100.0
1921	98.3	1.7	100.0
1931	98.0	2.0	100.0
1941	96.4	3.6	100.0
1947	96.5	3.5	100.0
1948	96.5	3.5	100.0
1949	96.6	3.4	100.0
1951	95.9	4.1	100.0
1954	95.9	4.1	100.0

(a) 1911-41, Census data; 1947 to 1954, Physicians Register, Department of National Health and Welfare; 1954, preliminary.

(b) Yukon and Northwest Territories excluded 1911-41, included 1947-54; Newfoundland included 1949-54.



TABLE 5 ACTIVE CIVILIAN PHYSICIANS, BY AGE GROUP, CANADA, 1931-54

I. Number of Physicians<sup>(a)</sup>

Age Group (years)	1931	1941	1947	1948	1949	1951	1954
Under 25	186	287	138	89	89	28	10
25 - 34	2,524	2,567	3,414	3,411	3,497	3,564	4,240
35 - 44	2,496	2,712	3,441	3,504	3,678	3,953	4,482
45 - 54	2,379	2,138	2,668	2,735	2,829	3,059	3,281
55 - 64	1,603	1,859	1,971	1,891	1,869	1,946	2,091
65 - 69 )							
70 and over )	832	1,160	1,466	1,419	( 696	696	723
					( 688	789	692
Not given	-	-	-	208	380	128	132
Total	10,020	10,723	13,098	13,257	13,726	14,163	15,651
Median Age (years) <sup>(b)</sup>	44.2	44.2	43.7	43.6	43.4	43.7	42.8

II. Per Cent Distribution

Age Group (years)	1931	1941	1947	1948	1949	1951	1954
Under 25	1.9	2.7	1.1	0.7	0.6	0.2	0.1
25 - 34	25.2	23.9	26.1	25.7	25.5	25.2	27.1
35 - 44	24.9	25.3	26.3	26.4	26.8	27.9	28.6
45 - 54	23.7	19.9	20.4	20.6	20.6	21.6	21.0
55 - 64	16.0	17.3	15.0	14.3	13.6	13.7	13.4
65 - 69 )					5.1	4.9	4.6
70 and over )	8.3	10.8	11.2	10.7	5.0	5.6	4.4
Not given	-	-	-	1.6	2.8	0.9	0.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) 1931 and 1941, Census data; 1947 to 1954, Physicians Register, Department of National Health and Welfare; 1954, preliminary.

(b) Based on total for whom age is known.

TABLE 6 ACTIVE CIVILIAN PHYSICIANS, BY AGE GROUP, FOR PROVINCES, JUNE 1954

## I. Number of Physicians (a)

Age Group (years)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon & N.W.T.	CANADA
Under 25	1	-	-	-	2	3	2	-	1	1	-	10
25 - 34	67	23	143	93	1,238	1,513	206	232	273	444	8	4,240
35 - 44	48	24	162	114	1,221	1,540	250	239	352	529	3	4,482
45 - 54	30	14	144	79	944	1,255	161	116	180	358	-	3,281
55 - 64	11	14	71	57	592	901	100	85	85	173	2	2,091
65 - 69	7	-	24	18	156	348	43	41	33	53	-	723
70 and over	12	7	27	19	165	283	32	31	52	64	-	692
Not given	12	-	-	1	47	36	5	8	12	8	3	132
Total	188	82	571	381	4,365	5,879	799	752	988	1,630	16	15,651

## II. Per Cent Distribution

Age Group (years)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon & N.W.T.	CANADA
Under 25	0.5	-	-	-	(b)	0.1	0.3	-	0.1	0.1	-	0.1
25 - 34	35.6	28.0	25.1	24.4	28.4	25.7	25.8	30.9	27.6	27.2	-	27.1
35 - 44	25.5	29.3	28.4	29.9	28.0	26.2	31.3	31.8	35.6	32.5	50.0	28.6
45 - 54	16.0	17.1	25.2	20.7	21.6	21.3	20.2	15.4	18.2	22.0	-	21.0
55 - 64	5.9	17.1	12.4	15.0	13.6	15.3	12.5	11.3	8.6	10.6	12.5	13.4
65 - 69	3.7	-	4.2	4.7	3.6	5.9	5.4	5.5	3.3	3.3	-	4.6
70 and over	6.4	8.5	4.7	5.0	3.8	4.8	4.0	4.1	5.3	3.9	-	4.4
Not given	6.4	-	-	0.3	1.1	0.6	0.6	1.1	1.2	0.5	18.8	0.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Physicians Register, Department of National Health and Welfare; preliminary.

(b) Less than 0.05 per cent.



TABLE 7 PROPORTION OF ACTIVE CIVILIAN PHYSICIANS<sup>(a)</sup> IN (1) GENERAL PRIVATE PRACTICE, (2) SPECIALIST PRIVATE PRACTICE, (3) OTHER MEDICAL WORK, FOR PROVINCES, 1948, 1949, 1951 AND 1954

Province	Year	General Private Practice	Specialist Private Practice	Other	Total
Newfoundland	1949	45.4	9.9	44.7	100.0
	1951	35.2	10.7	54.1	100.0
	1954	29.8	16.5	53.7	100.0
Prince Edward Island	1948	60.0	20.0	20.0	100.0
	1949	64.0	24.0	12.0	100.0
	1951	73.6	18.1	8.3	100.0
	1954	53.7	26.8	19.5	100.0
Nova Scotia	1948	54.5	17.6	27.9	100.0
	1949	54.2	21.8	24.0	100.0
	1951	53.5	21.1	25.4	100.0
	1954	51.7	25.0	23.3	100.0
New Brunswick	1948	53.6	21.6	24.9	100.0
	1949	56.0	29.1	14.9	100.0
	1951	55.6	25.3	19.1	100.0
	1954	43.6	31.5	24.9	100.0
Quebec	1948	47.9	21.9	30.2	100.0
	1949	48.8	24.4	26.8	100.0
	1951	47.6	24.1	28.3	100.0
	1954	38.7	30.8	30.4	100.0
Ontario	1948	52.1	25.6	22.3	100.0
	1949	48.2	24.4	27.4	100.0
	1951	48.6	26.2	25.2	100.0
	1954	45.1	28.0	26.9	100.0
Manitoba	1948	48.7	23.6	27.7	100.0
	1949	47.0	27.2	25.7	100.0
	1951	45.1	26.5	28.4	100.0
	1954	43.3	29.8	26.9	100.0
Saskatchewan	1948	57.8	21.5	20.7	100.0
	1949	58.5	18.8	22.7	100.0
	1951	59.6	20.9	19.5	100.0
	1954	54.0	23.4	22.6	100.0
Alberta	1948	54.2	20.7	25.1	100.0
	1949	51.8	18.9	29.3	100.0
	1951	54.0	25.7	20.2	100.0
	1954	45.6	29.5	24.9	100.0
British Columbia	1948	44.5	28.6	26.9	100.0
	1949	45.3	32.9	21.8	100.0
	1951	43.5	32.6	23.8	100.0
	1954	40.4	32.8	26.7	100.0
Canada (b)	1948	50.6	23.8	25.7	100.0
	1949	49.2	24.6	26.2	100.0
	1951	48.8	25.5	25.7	100.0
	1954	43.2	29.1	27.7	100.0

(a) Physicians Register, Department of National Health and Welfare, 1954, preliminary; see Appendix I for corresponding numbers.

(b) Includes Yukon and Northwest Territories (16 physicians in 1954); excludes Newfoundland in 1948.

TABLE 8 NUMBER AND PROPORTION OF ACTIVE CIVILIAN PHYSICIANS<sup>(a)</sup> LOCATED IN URBAN CENTRES OF 10,000 OR MORE POPULATION, FOR PROVINCES, 1947-1949, 1951 AND 1954

I. Number of Physicians in Urban Centres of 10,000 or more Population

Province	Active Civilian Physicians					Population 1951 <sup>(b)</sup>
	1947	1948	1949	1951	1954	
Newfoundland	...	...	65	69	83	67,749
Prince Edward Island	28	31	34	32	44	15,887
Nova Scotia	230	250	276	289	309	212,013
New Brunswick	151	165	176	202	218	132,442
Quebec	2,667	2,846	2,915	3,079	3,387	2,093,250
Ontario	3,792	3,825	3,907	4,136	4,627	2,675,754
Manitoba	553	550	536	585	596	374,667
Saskatchewan	271	290	279	311	365	166,091
Alberta	449	480	507	544	673	351,491
British Columbia	868	887	947	1,034	1,239	657,009
Yukon & N.W.T.	-	-	-	-	-	-
CANADA <sup>(c)</sup>	9,009	9,324	9,642	10,281	11,541	6,746,353

II. Per Cent of Total in Province

Province	Active Civilian Physicians					Population 1951 <sup>(b)</sup>
	1947	1948	1949	1951	1954	
Newfoundland	...	...	46.1	43.4	44.1	18.7
Prince Edward Island	40.6	44.3	45.3	44.4	53.7	16.1
Nova Scotia	47.6	48.4	50.9	52.1	54.1	33.0
New Brunswick	50.7	49.4	50.3	55.0	57.2	25.7
Quebec	74.5	76.4	75.7	76.8	77.6	51.6
Ontario	73.8	76.1	77.2	78.6	78.7	58.2
Manitoba	73.3	73.8	74.1	75.4	74.6	48.2
Saskatchewan	46.2	46.8	46.5	48.1	48.5	20.0
Alberta	62.4	63.3	64.3	65.1	68.1	37.4
British Columbia	79.1	74.7	74.9	76.8	76.0	56.4
Yukon & N.W.T.	-	-	-	-	-	-
CANADA <sup>(c)</sup>	70.8	71.8	71.9	73.2	73.7	48.2

(a) Physicians Register, Department of National Health and Welfare; 1954, preliminary.

(b) Census data; includes suburban parts of "metropolitan areas" as defined by the census.

(c) Exclusive of Newfoundland for 1947 and 1948; percentages based on totals of active physicians for whom location was definite.



TABLE 9 NUMBER AND PROPORTION OF ACTIVE CIVILIAN PHYSICIANS,<sup>(a)</sup> ENGAGED IN (1) GENERAL PRIVATE PRACTICE, (2) SPECIALIST PRIVATE PRACTICE, (3) OTHER MEDICAL WORK, WHO ARE LOCATED IN URBAN CENTRES OF 10,000 OR MORE POPULATION, FOR PROVINCES, JUNE 1954, AND FOR CANADA, 1948, 1949, 1951 AND 1954

I. Number of Physicians in Urban Centres of 10,000 or More Population

Province	General Private Practice	Specialist Private Practice	Other	Total
1954				
Newfoundland	19	26	38	83
Prince Edward Island	13	16	15	44
Nova Scotia	93	105	111	309
New Brunswick	42	102	74	218
Quebec	933	1,272	1,182	3,387
Ontario	1,590	1,581	1,456	4,627
Manitoba	187	235	174	596
Saskatchewan	102	154	109	365
Alberta	189	272	212	673
British Columbia	383	487	369	1,239
Yukon & N.W.T.	-	-	-	-
CANADA, 1954	3,551	4,250	3,740	11,541
CANADA, 1951	3,720	3,369	3,192	10,281
CANADA, 1949 <sup>(b)</sup>	3,498	3,054	3,090	9,642
CANADA, 1948 <sup>(b)</sup>	3,519	2,850	2,955	9,324

II. Per Cent of Physicians in Category for Province

Province	General Private Practice	Specialist Private Practice	Other	Total
1954				
Newfoundland	33.9	83.9	37.6	44.1
Prince Edward Island	29.5	72.7	93.8	53.7
Nova Scotia	31.5	73.4	83.5	54.1
New Brunswick	25.3	85.0	77.9	57.2
Quebec	55.2	94.5	89.0	77.6
Ontario	60.0	95.9	92.0	78.7
Manitoba	54.0	98.7	80.9	74.6
Saskatchewan	25.1	87.5	64.1	48.5
Alberta	41.9	93.5	86.2	68.1
British Columbia	58.1	91.0	84.6	76.0
Yukon & N.W.T.	-	-	-	-
CANADA, 1954	52.5	93.4	86.3	73.7
CANADA, 1951	54.3	94.1	88.5	73.2
CANADA, 1949 <sup>(b)</sup>	53.1	92.5	88.0	71.9
CANADA, 1948 <sup>(b)</sup>	53.6	92.3	88.5	71.8

(a) Physicians Register, Department of National Health and Welfare; 1954, preliminary.

(b) Exclusive of Newfoundland.

TABLE 10 GRADUATES OF CANADIAN MEDICAL SCHOOLS, 1910-54 (a)

Years	Dalhousie	Laval	Montreal	McGill	Ottawa	Queen's	Toronto	Western Ontario	Manitoba	Alberta	British Columbia	Total
<b>Average Annual Number of Graduates:</b>												
1910-14	11	16	34	56	-	44	98	28	23	-	-	310
1915-19	11	14	25	58	-	43	87	14	28	-	-	281
1920-24	21	21	51	110	-	40	152	18	32	-	-	446
1925-29	29	33	41	88	-	41	130	22	49	16	-	451
1930-34	27	44	42	89	-	46	123	33	49	22	-	475
1935-39	29	37	40	99	-	47	119	34	51	29	-	485
<b>Number of Graduates:</b>												
1940	35	51	48	161	-	62	138	31	45	35	-	606
1941	41	69	54	89	-	42	138	30	62	37	-	562
1942	42	65	48	90	-	41	116	36	54	47	-	539
1943	37	47	53	94	-	45	107	30	50	33	-	496
1944	36(b)	57	52	97	-	47(b)	107(b)	31(b)	61	35(b)	-	523
1945	75	37	47	92	-	83(b)	245	65	55	70	-	769
1946	-	70	56	101	-	41	131	38	56	20	-	513
1947	28	85	79	92	-	41	124	34	63	21(b)	-	567
1948	34	72	100	119	-	-	129	40	62	76(b)	-	632
1949	43	83	83	128	-	43	154	52	59	34	-	679
1950	45	144	84	113	-	47	161	93	63	41	-	791
1951	55	141	92	116	43	52	174	61	67	57	-	858
1952	53	67	83	115	44	50	175	60	83	53	-	783
1953	56	108	89	115	52	57	162	62	72	52	-	825
1954	53	134	99	110	47	53	166	61	58	61	54	896

(a) From annual Education issues of the Journal of the American Medical Association; period covered from 1932 on, specified as from July 1 of the previous year, except for 1943 and for 1945 to 1947 where the acceleration and subsequent deceleration of the medical courses resulted in some irregularity in the time of graduation.

(b) Two classes.

TABLE 11 PHYSICIANS IMMIGRANT TO CANADA SINCE JUNE 1951 AND STILL IN CANADA AT JUNE 1954<sup>(a)</sup>

I. By Age Group, for Provinces

Age Group (years)	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Yukon & NWT	CANADA
Under 25	1	-	-	-	-	-	-	-	1	-	-	2
25 - 34	26	2	4	7	46	70	21	29	37	50	3	295
35 - 44	9	4	7	4	14	92	30	44	34	30	-	268
45 - 54	2	-	5	-	3	29	7	10	11	5	-	72
55 - 64	-	-	-	1	2	10	2	2	4	-	-	21
65 - 69	-	-	-	-	-	1	1	-	-	1	-	3
70 and over	-	-	-	-	-	-	-	-	-	-	-	-
Not given	7	-	-	-	4	20	3	2	6	4	1	47
<b>TOTAL</b>	<b>45</b>	<b>6</b>	<b>16</b>	<b>12</b>	<b>69</b>	<b>222</b>	<b>64</b>	<b>87</b>	<b>93</b>	<b>90</b>	<b>4</b>	<b>708</b>

II. By Urban Location and Nature of Major Work

Location	General Private Practice	Specialist Private Practice	Other	Total
In Urban Centres of 10,000 or More Population	76	55	250	381
In Other Areas	162	29	136	327
<b>CANADA</b>	<b>238</b>	<b>84</b>	<b>386</b>	<b>708</b>

(a) Physicians who received their basic medical training other than in Canada or the United States and of whom the Physicians Register, Department of National Health and Welfare, did not have record at the time of the June 1951 tabulation; preliminary.





## APPENDICES





APPENDIX I NUMBER OF ACTIVE CIVILIAN PHYSICIANS<sup>(a)</sup> WHO ARE ENGAGED IN  
 (1) GENERAL PRIVATE PRACTICE, (2) SPECIALIST PRIVATE PRACTICE,  
 (3) OTHER MEDICAL WORK, FOR PROVINCES, 1948, 1949, 1951 AND 1954

Province	Year	General Private Practice	Specialist Private Practice	Other	Total
Newfoundland	1949	64	14	63	141
	1951	56	17	86	159
	1954	56	31	101	188
Prince Edward Island	1948	42	14	14	70
	1949	48	18	9	75
	1951	53	13	6	72
	1954	44	22	16	82
Nova Scotia	1948	281	91	144	516
	1949	294	118	130	542
	1951	297	117	141	555
	1954	295	143	133	571
New Brunswick	1948	179	72	83	334
	1949	196	102	52	350
	1951	204	93	70	367
	1954	166	120	95	381
Quebec	1948	1,785	815	1,123	3,723
	1949	1,879	940	1,031	3,850
	1951	1,909	966	1,133	4,008
	1954	1,691	1,346	1,328	4,365
Ontario	1948	2,616	1,287	1,122	5,025
	1949	2,436	1,235	1,387	5,058
	1951	2,556	1,379	1,325	5,260
	1954	2,649	1,648	1,582	5,879
Manitoba	1948	363	176	206	745
	1949	340	197	186	723
	1951	350	206	220	776
	1954	346	238	215	799
Saskatchewan	1948	358	133	128	619
	1949	351	113	136	600
	1951	385	135	126	646
	1954	406	176	170	752
Alberta	1948	411	157	190	758
	1949	408	149	231	788
	1951	451	215	169	835
	1954	451	291	246	988
British Columbia	1948	529	340	319	1,188
	1949	572	416	276	1,264
	1951	586	439	321	1,346
	1954	659	535	436	1,630
CANADA <sup>(b)</sup>	1948	6,570	3,087	3,338	12,995
	1949	6,593	3,302	3,513	13,408
	1951	6,855	3,580	3,607	14,042
	1954	6,767	4,550	4,334	15,651

(a) Physicians Register, Department of National Health and Welfare; 1954, preliminary.

(b) Includes Yukon and Northwest Territories (16 physicians in 1954); excludes Newfoundland in 1948.

APPENDIX II ACTIVE CIVILIAN PHYSICIANS, BY NATURE OF MAJOR WORK, FOR INDIVIDUAL URBAN CENTRES OF 10,000 OR MORE POPULATION, JUNE 1954<sup>(a)</sup>

Province and City	General Private Practice	Specialist Private Practice	Other	Total
Newfoundland				
St. John's	19	26	38	83
Prince Edward Island				
Charlottetown	13	16	15	44
Nova Scotia				
Dartmouth (b)	..	..	..	..
Glace Bay	8	6	3	17
Halifax (c)	56	87	91	234
New Waterford	4	-	-	4
Sydney	14	9	15	38
Truro	11	3	2	16
New Brunswick				
Edmundston	3	10	4	17
Fredericton	8	14	10	32
Moncton	14	31	17	62
Saint John (c)	17	47	43	107
Quebec				
Arvida	3	2	2	7
Cap-de-la-Madeleine	5	2	3	10
Chicoutimi	10	23	21	54
Drummondville	11	10	2	23
Granby	20	7	1	28
Grand'Mere	6	5	2	13
Hull (d)	..	..	..	..
Jacques Cartier (e)	..	..	..	..

- (a) Physicians Register, Department of National Health and Welfare; preliminary.  
 (b) Included in metropolitan area of Halifax.  
 (c) Metropolitan area.  
 (d) Included in metropolitan area of Ottawa.  
 (e) Included in metropolitan area of Montreal.

APPENDIX II (Con.) ACTIVE CIVILIAN PHYSICIANS, BY NATURE OF MAJOR WORK,  
FOR INDIVIDUAL URBAN CENTRES OF 10,000 OR MORE POPULA-  
TION, JUNE 1954<sup>(a)</sup>

Province and City	General Private Practice	Specialist Private Practice	Other	Total
Quebec (cont'd)				
Joliette	13	7	5	25
Jonquieres	11	2	-	13
Lachine (b)	..	..	..	..
Lasalle (b)	..	..	..	..
Levis (c)	..	..	..	..
Longueuil (b)	..	..	..	..
Magog	9	2	4	15
Montreal (d)	572	904	906	2,382
Montreal North (b)	..	..	..	..
Mount Royal (b)	..	..	..	..
Outremont	..	..	..	..
Quebec (d)	112	165	173	450
Rimouski	15	2	5	22
Rouyn	7	4	1	12
St. Hyacinthe	17	10	9	36
St. Jean	12	5	3	20
St. Jerome	12	4	3	19
St. Laurent (b)	..	..	..	..
St. Michel (b)	..	..	..	..
Shawinigan Falls	15	9	4	28
Sherbrooke	18	53	11	82
Sillery (c)	..	..	..	..
Sorel	10	5	1	16
Thetford Mines	9	3	2	14
Trois Rivières	22	27	13	62
Valleyfield	10	4	4	18
Verdun (b)	..	..	..	..
Victoriaville	5	5	1	11
Westmount (b)	..	..	..	..

- (a) Physicians Register, Department of National Health and Welfare; preliminary.  
 (b) Included in metropolitan area of Montreal.  
 (c) Included in metropolitan area of Quebec.  
 (d) Metropolitan area.



APPENDIX II (Con.) ACTIVE CIVILIAN PHYSICIANS, BY NATURE OF MAJOR WORK,  
FOR INDIVIDUAL URBAN CENTRES OF 10,000 OR MORE POPULA-  
TION, JUNE 1954<sup>(a)</sup>

Province and City	General Private Practice	Specialist Private Practice	Other	Total
<b>Ontario</b>				
Barrie	17	1	2	20
Belleville	16	15	4	35
Brantford	27	20	10	57
Brockville	11	6	9	26
Chatham	18	15	4	37
Cornwall	22	5	8	35
Eastview (b)	..	..	..	..
Forest Hill Village (c)	..	..	..	..
Fort William	20	17	9	46
Galt	14	9	-	23
Guelph	22	11	10	43
Hamilton (d)	174	140	62	376
Kingston	29	42	70	141
Kitchener	31	37	13	81
Leaside (c)	..	..	..	..
London (d)	54	112	173	339
Mimico (c)	..	..	..	..
New Toronto (c)	..	..	..	..
Niagara Falls	23	15	9	47
North Bay	16	10	3	29
Orillia	16	4	9	29
Oshawa	27	13	10	50
Ottawa (d)	91	189	175	455
Owen Sound	10	13	1	24
Pembroke	13	1	-	14
Peterborough	20	36	6	62
Port Arthur	20	13	2	35
St. Catharines	36	31	14	81
St. Thomas	15	10	14	39
Sarnia	27	23	10	60
Sault Ste. Marie	18	9	3	30
Stratford	9	11	2	22
Sudbury	30	26	18	74

- (a) Physicians Register, Department of National Health and Welfare; pre-  
liminary.  
(b) Included in metropolitan area of Ottawa.  
(c) Included in metropolitan area of Toronto.  
(d) Metropolitan area.

APPENDIX II (Con.) ACTIVE CIVILIAN PHYSICIANS, BY NATURE OF MAJOR WORK,  
FOR INDIVIDUAL URBAN CENTRES OF 10,000 OR MORE POPULA-  
TION, JUNE 1954<sup>(a)</sup>

Province and City		General Private Practice	Specialist Private Practice	Other	Total
Ontario (cont'd)					
Timmins		18	5	4	27
Toronto	(b)	606	660	762	2,028
Trenton		8	3	-	11
Waterloo		10	1	4	15
Welland		16	11	2	29
Windsor	(b)	105	74	24	203
Woodstock		14	5	16	35
Manitoba					
Brandon		11	8	12	31
St. Boniface	(c)	..	..	..	..
Winnipeg	(b)	176	227	162	565
Saskatchewan					
Moose Jaw		15	13	8	36
Prince Albert		15	9	8	32
Regina		39	77	51	167
Saskatoon		33	55	42	130
Alberta					
Calgary	(b)	82	92	55	229
Edmonton	(b)	78	148	153	379
Lethbridge		21	25	2	48
Medicine Hat		8	7	2	17
British Columbia					
New Westminster	(d)	..	..	..	..
North Vancouver	(d)	..	..	..	..
Penticton		12	2	-	14
Trail		10	11	1	22
Vancouver	(b)	307	399	321	1,027
Victoria	(b)	54	75	47	176

- (a) Physicians Register, Department of National Health and Welfare; preliminary.  
 (b) Metropolitan area.  
 (c) Included in Metropolitan area of Winnipeg.  
 (d) Included in Metropolitan area of Vancouver.





PUBLICATIONS IN THE SOCIAL SECURITY  
AND THE GENERAL SERIES

Research Division,  
Department of National Health and Welfare

I. SOCIAL SECURITY SERIES

- ✓ Memorandum No. 1. Mothers' Allowances Legislation in Canada. May 1949. 69 pp.
- \* Memorandum No. 2. Old Age Income Security in New Zealand. March 1950. 41 pp.
- \* Memorandum No. 3. Old Age Income Security in Australia. March 1950. 31 pp.
- ✓ Memorandum No. 4. Old Age Income Security in Great Britain. March 1950. 84 pp.
- ✓ Memorandum No. 5. Old Age Income Security in the United States. March 1950. 76 pp.
- ✓ Memorandum No. 6. Old Age Income Security in Selected European Countries. (Denmark, France, Sweden, Switzerland). March 1950. 83 pp.
- O Memorandum No. 7. Social Security in Australia.
- \* Memorandum No. 8. Health Insurance in New Zealand. October 1950. 88 pp.
- \* Memorandum No. 9. Health Insurance in Denmark. (Revised) March 1952. 67 pp.
- \* Memorandum No. 10. Health Insurance in Sweden. January 1952. 76 pp.
- \* Memorandum No. 11. Health Insurance in Great Britain, 1911-48. March 1952. 163 pp.
- O Memorandum No. 12. Health Insurance in Norway. Est. 60 pp.
- O Memorandum No. 13. Health Insurance in the Netherlands. Est. 65 pp.
- ✓ Memorandum No. 14. Expenditures and Related Data for Government Health and Social Welfare Programs in Canada for Year Ended March 31, 1951. September 1952. 32 pp.

## II. GENERAL SERIES

- ✓ Memorandum No. 1. Survey of Dentists in Canada. 2nd ed., January 1949, 45 pp.
- \* Memorandum No. 2. Survey of Physicians in Canada.  
3rd ed., September 1948, 65 pp.  
4th ed., September 1949, 61 pp.  
5th ed., June 1951.
- \* Memorandum No. 3. Survey of Welfare Positions: Report  
April 1954. Est. 220 pp.
- \* Memorandum No. 4. Voluntary Medical Care Insurance: A  
Study of Non-Profit Plans in Canada,  
April 1954, 85 pp.
- \* Memorandum No. 5. A Study of the Functions and Activities  
of Head Nurses in a General Hospital.  
May 1954. Est. pp. 136.
- \* Memorandum No. 6. Mental Health Services in Canada.  
July 1954. Est. pp. 207.
- \* Memorandum No. 7. Changes and Developments in Child  
Welfare Services in Canada, 1949-1953.  
October 1954. Est. pp. 45.

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\* Available on request.    ✓ Out of print.    O In preparation.











